

ABSTRACT

A coating composition resistant to penetration by moisture, the composition substantially preventing moisture absorption into a substrate, such as a composite or core material used in a sandwich composite structure, that is otherwise prone to moisture absorption under "hot and wet" ambient conditions. The composition includes:

- a) a mixture of esters of fatty acids and aliphatic hydrocarbons having a melting point in the range from about 170 to about 190°F; and
- b) a powdered additive in sufficient amount to permit uniform heating of a mass of the composition and to provide compression of a mass of the composition upon rapid cooling sufficient to substantially exclude occluded gasses from a cooled mass.